

Abstract of the Disclosure

Methods and systems of the present invention are provided for performing proxy control functions in an environment including one or more work machines. Such methods and systems may leverage one or more gateways to serve as a proxy for one or more distinct modules. A gateway, located in a work machine, may be programmed with proxy logic that performs functions associated with certain modules used in a work machine environment. The gateway may monitor a data link and retrieve broadcasted messages. The broadcasted messages may include source and/or destination module address identifiers. The gateway may retrieve messages from the data link based on a determination that the message is destined for a module for which the gateway serves as a proxy. The gateway may route a retrieved message, using a mapping structure, to the appropriate proxy logic that performs functions associated with the destination module.